

FGB HARMFUL CONTAMINANT CARTRIDGE REPLACEMENT

TOOLS REQUIRED:

Common Screwdriver
Trash Bag

PANEL REMOVAL

- Panel 411
1. Remove blue launch restraint bolts (6 --- 8 bolts depending on panel) from Closeout Panels using Common Screwdriver.
Dispose of launch restraints bolts in Trash Bag.
 2. Remove standard panel TBD fasteners with TBD tool and open panel.
 3. Verify fan is off.

NOTE

No onboard telemetry exists for system performance. Fan is verified deactivated by either checking for absence of air flow upon opening of Closeout Panel or aural cue.

CARTRIDGE REMOVAL

4. Behind cartridge, separate air tube coupling (cw) from old cartridge.
5. Loosen wingnuts (four) holding cartridge in filter housing.
Tm pry stow wingnuts.
6. Remove old cartridge and dispose in Trash Bag.

PREPARE NEW HARMFUL CONTAMINANT CARTRIDGE FOR INSTALLATION

7. Remove wrapping from new cartridge.
8. Detach cap from outlet from new cartridge and dispose in Trash Bag.
9. Wrap old cartridge using wrapper.
Stow in bag.
10. Detach cap from inlet from new cartridge
Move locking tabs away from wingnuts (four).
Loosen wingnuts (four).
Move lock levers (four) away from cartridge.
Remove inlet cap from cartridge and stow cap in Trash Bag.
Restore four lock levers into initial position.
Tighten four wingnuts (hand tighten).
Lock four wingnuts using four locking tabs.

INSTALL NEW HARMFUL CONTAMINANT CARTRIDGE

11. Install new cartridge into filter housing.
12. Secure cartridge with four wingnuts (stowed earlier).
13. Connect coupling of air tube (ccw) to cartridge.

PANEL CLOSEOUT

14. Install panel and secure with standard bolts using TBD tools.